

N^o 26,377



A.D. 1911

Date of Application, 25th Nov., 1911

Complete Specification Left, 15th Feb., 1912—Accepted, 15th Aug., 1912

PROVISIONAL SPECIFICATION.

Improvements in Fittings for Incandescent Electric Lamps.

We, FRANCIS GUNN, Engineer, and W. T. NICHOLSON & CLIPPER COMPANY, LIMITED, Engineers and Mill Furnishers, all of King Street, Salford, Manchester, in the County of Lancaster, do hereby declare the nature of this invention to be as follows:—

- 5 Our invention relates to improvements in fittings for incandescent electric lamps and has special reference to the internally-threaded rings employed for holding the lamp shades or other articles in position, the object being to enable such rings to readily strike the thread on the exterior of the lamp holder socket, or other object the ring is used for.
- 10 Prior to the date of our invention the shade holder rings previously referred to have been quite solid and consequently in placing them in position on the lamp holder they often get athwart the thread on the latter and very often strip the same. This defect is many times enhanced, by the fact that the ring is sometimes a little larger or fits very slackly on the lamp holder. In order to
- 15 avoid the foregoing defects we provide a ring of substantially the same character as hitherto with the exception that it is split across at one side or sawn asunder. The splitting of the ring may be at right angles or radial to its centre or it may be made at an angle to its upper and lower face and after the splitting the ring is pressed inwards at its split ends so as to reduce its diameter somewhat,
- 20 though the material being resilient allows the ring to spring open slightly when it is being placed on the screwed holder. The ring under these conditions fits exceedingly well but it also has the advantage of readily aligning itself with the screw thread on the holder when being placed in position. Thus supposing the first thread of the ring strikes the holder thread incorrectly or out of alignment,
- 25 the ring, being split, allows the thread so deranged being forced over and brought into correct position without being detached or requiring re-starting on the first thread. In this way stripped threads are avoided, and the rings more quickly applied.

Dated this 24th day of November, 1911.

30

WILLIAM H. TAYLOR,
3, Brown Street, Market Street, Manchester, and at Hanley,
Agent for Applicants.

COMPLETE SPECIFICATION.

Improvements in Fittings for Incandescent Electric Lamps.

- 35 We, FRANCIS GUNN, Engineer, and W. T. NICHOLSON & CLIPPER COMPANY, LIMITED, Engineers and Mill Furnishers, all of King Street, Salford, Manchester, in the County of Lancaster, do hereby declare the nature of this invention and
- [Price 8d.]

BEST AVAILABLE COPY



Improvements in Fittings for Incandescent Electric Lamps.

in what manner the same is to be performed, to be particularly described and ascertained in and by the following statement:—

Our invention relates to improvements in fittings for incandescent electric lamps and has special reference to the internally-threaded rings employed for holding the lamp shades in position, the object being to enable such rings to readily strike the thread on the exterior of the lamp holder socket, or other object the ring is used for.

Prior to the date of our invention the shade holder rings previously referred to have been quite solid and consequently in placing them in position on the lamp holder they often get athwart the thread on the latter and very often strip the same. This defect is many times enhanced by the fact that the ring is sometimes a little larger or fits very slackly on the lamp holder. Our invention is designed to avoid the foregoing defects and will be fully described with reference to the accompanying drawings in which,

Fig. 1 is a front elevation of a lamp holder ring for supporting the lamp shade constructed in accordance with our invention,

Fig. 2 sectional elevation of same,

Fig. 3 plan and

Fig. 4 front elevation of a modified form of the ring.

In accordance with our invention we provide a ring *a* of substantially the same character as hitherto with the exception that it is split across at one side or is sawn asunder, as indicated at *b*. The splitting of the ring may be at right angles or radial to its centre, as shown in Figs. 1 to 3 or it may be made at an angle to its upper and lower faces and, if required, somewhat tangential to its periphery but the feature of our invention is the splitting of the ring transversely. After splitting, the ring is pressed inwards at its split ends so as to reduce its diameter somewhat, though the material of which it is made being resilient allows the ring to spring open slightly when it is being placed on the screwed holder. The ring under these conditions fits exceedingly well but it has also the advantage of readily aligning itself with the screw thread on the holder when being placed in position. Thus, supposing the first thread of the ring strikes the holder thread incorrectly or out of alignment, the ring, being split, allows the thread so deranged being forced over and brought into correct position without being detached or requiring restarting on the first thread. In this way stripped threads are avoided and the rings are more quickly applied to the holder.

We are aware that ruts have been provided with a transverse saw-cut which after formation is slightly closed in order that the rut may grip the bolt or other screw and do not claim such as our invention.

Having now particularly described and ascertained the nature of our said invention and in what manner the same is to be performed, we declare that what we claim is:—

1. A lamp holder shade ring for incandescent electric lamps provided with a sawn-through or transverse cut at one side and afterwards slightly closed substantially as and for the purpose described.

2. A lamp holder shade ring for incandescent electric lamps and the like constructed substantially as described with reference to Figs. 1 to 3 or Fig. 4 of the accompanying drawings.

Dated this 14th day of February, 1912.

WILLIAM H. TAYLOR,
3, Brown Street, Market Street, Manchester, and at Hanley,
Agent for the Applicants.

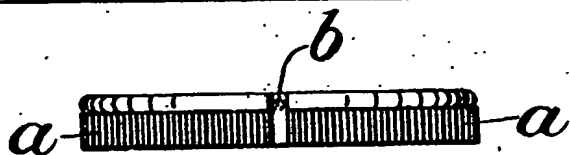


Fig. 1.

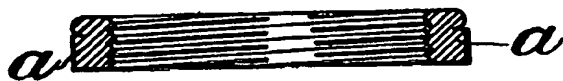


Fig. 2.

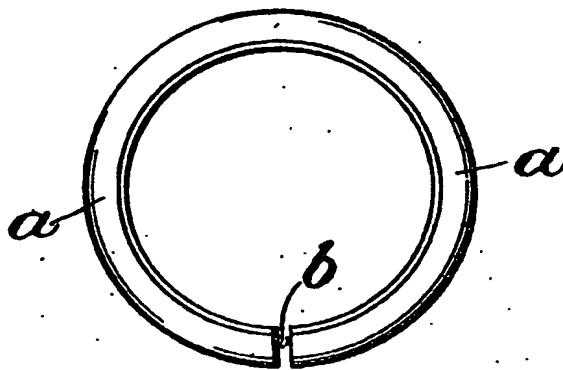


Fig. 3.

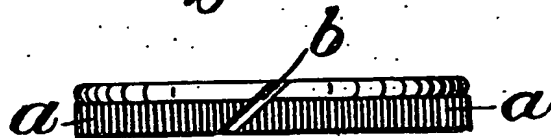


Fig. 4.

BIRMINGHAM
FREE
LIBRARIES.

Mally & Sons, Photo-Litho.

BEST AVAILABLE COPY

[This Drawing is a reproduction of the Original on a reduced scale.]

THIS PAGE BLANK (USPTO)